

## **NOTES FROM 07.06.05 PROTON DRIVER MEETING - CIVIL**

Attendees: Bill Foster, Rich Stanek, Dixon Bogert, Bob Webber, Jerry Leibfritz, Kamran Vaziri, Mike Andrews, Lee Hammond, Gary VanZandbergen, Chuck Federowicz, John Santic, Elaine McCluskey

### **ITEMS DISCUSSED:**

#### **1. Existing Conditions along the Transport Line west of MR Road:**

- a. Have some utilities, need to show remainder on existing utility drawing. These come from a variety of old projects and require some research.
- b. Main corridor next to Kautz Rd to Mi60 contains lots of utilities. Also, main power ductbanks are in or next to MR Road and Kautz Rd.
- c. It appears all utilities can be support through their excavations, including cryo lines, with the possible exception of the ductbanks – weight of concrete may be an issue.
- d. Construction power from overhead line looks to be out of the way from the future excavation, but need to field verify. Also need to determine if additional poles are available in the railyard for the line extension to the linac area.
- e. Interferences to be worked around include:
  - i. NuMI monument
  - ii. MI-65 sight riser
  - iii. NuMI EF-1 next to sight riser
- f. Main Ring Road utilities include ductbank, ICW, 19 conductor cable, and possible abandoned electrical lines

#### **2. Discussed status of information on Cyro Building:**

- a. AD-Cryo isn't going to jump into this until approval is given to move forward with CDR
- b. Temp cryo may come from pipes around Main Ring, near D-0, for commissioning.
- c. Cryo plant location would be in mid-point of TESLA cryomodules – this means a transfer line to the front end.

**NEXT MEETING TBD**